	Application No.	Applicant(s)
Notice of Allowability	10/699,566	DUTTA, PIJUSH
	Examiner	Art Unit	
	MARY STEELMAN	2191	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *7/23/2007*.

2. ☒ The allowed claim(s) is/are *5,6,8,10,12 (to be renumbered in order)*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *8/2/2007* .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

DETAILED ACTION

1.   This Office Action is in response to RCE received 07/23/2007. Per Applicant's request,

claims 5, 6, and 10 have been amended. Claim 14 has been added. Claims 1-4 have been

previously cancelled. Claims 5-14 are pending.

EXAMINER'S AMENDMENT

2.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

       Authorization for this examiner's amendment was given in a telephone interview with

William J. Daley, Reg. No. 52,471 on 07/30/2007.

       The application has been amended as follows:

IN THE CLAIMS:

5. (Previously Presented) The method of claim 6 wherein the first programming language is COBOL.

6. (Currently Amended) A method for extracting business logic from a first computer source code written in a first programming language and having a plurality of statements, the method comprising:

examining the plurality of statements to identify a plurality of conditional statements and a plurality of action statements in the first computer source code wherein each conditional statement is associated with at least one action statement;

tagging the plurality of conditional statements and the plurality of action statements, wherein each conditional statement has an associated tag uniquely identifying the conditional statement and each action statement has an associated tag identifying the action statement and linking the action statement to the associated conditional statement;

grouping the plurality of conditional statements into a conditional statement category and the plurality of action statements into an action statement category;

generating a plurality of action sets based on the plurality of conditional statements in the

conditional statement category, wherein each of the plurality of action sets includes an associated

set of action statements from the action statement category;

[for each action set, identifying the associated set of action statements from the grouped plurality

of action statements; and

loading a database with each action set and the associated set of action statements;] and

 generating a second computer source code based on each action set and the

associated set of action statements wherein the second computer source code is written in a

second programming language and wherein the second programming language is different from

the first programming language.

7. (Canceled)

8. (Currently Amended) The method of claim 6 [wherein each action

statement is linked to one or more corresponding conditional statements; and]

wherein the associated tag for each action statement includes [information relating to the

conditional statement to which the action statement is directly linked,] status information

indicating a condition relating to the [directly] linked conditional statement under which the

action statement is executed, and information relating to all linked conditional statements

representing conditions under which the action statement is executed.

9. (Canceled)

10. (Currently Amended) A method for extracting business logic from a first computer source

code having a plurality of statements, the method comprising:

examining the plurality of statements to identify a plurality of conditional statements and a

plurality of action statements in the first computer source code wherein each conditional

statement is associated with at least one action statement;

tagging the plurality of conditional statements and the plurality of action statements, wherein

each conditional statement has an associated tag uniquely identifying the conditional statement

and each action statement has an associated tag identifying the action statement and linking the

action statement to the associated conditional statement;

grouping the plurality of conditional statements into a conditional statement category and the

plurality of action statements into an action statement category; and

generating a plurality of action sets based on the plurality of conditional

statements in the conditional statement category, wherein each of the plurality of action sets

includes an associated set of action statements from the action statement category;

[for each action set, identifying the associated set of action statements from the

grouped plurality of action statements;] and

loading a database with each action set and the associated set of action statements.

11. (Canceled)

12. (Currently Amended) The method of claim 10 [wherein each action

statement is linked to one or more corresponding conditional statements; and]

wherein the associated tag for each action statement includes [information relating

to the conditional statement to which the action statement is directly linked,] status information

indicating a condition relating to the [directly] linked conditional statement under which the

action statement is executed, and information relating to all linked conditional statements

representing conditions under which the action statement is executed.

13. (Canceled)

14. (Canceled)

THE END

3.   The following is an examiner's statement of reasons for allowance:

        As noted on page 6, second paragraph, of Remarks, regarding independent claims 6 and

10, Carpenter and other cited prior arts, taken alone or in combination, fail to disclose:

"examining the plurality of statements to identify a plurality of conditional statements and a

plurality of action statements in the first computer source code wherein each conditional

statement is associated with at least one action statement;

tagging the plurality of conditional statements and the plurality of action statements, wherein

each conditional statement has an associated tag uniquely identifying the conditional statement

and each action statement has an associated tag identifying the action statement and linking the

action statement to the associated conditional statement;

grouping the plurality of conditional statements into a conditional statement category and the

plurality of action statements into an action statement category;

generating a plurality of action sets based on the plurality of conditional statements in the

conditional statement category, wherein each of the plurality of action sets includes an associated

set of action statements from the action statement category; and

generating a second computer source code (claim 10 – loading a database with each action set and the associated set of action statements) based on each action set and the associated set of action statements wherein the second computer source code is written in a second programming language and wherein the second programming language is different from the first programming language."

Moreover, evidence for modifying the prior art teachings by one of ordinary skill level in the art was not uncovered so as to result in the invention.

The action sets based on the plurality of conditional statements in the conditional statement category, wherein each of the plurality of action sets includes an associated set of action statements represent business logic of a first programming language source and may be used in the implementation of a new code in another computer language.

Thus all remaining dependent claims, claims 5, 8, and 12, are allowed. Claims are to be renumbered in order.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4.   The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Mary Steelman, whose telephone number is (571) 272-3704. The

examiner can normally be reached Monday through Thursday, from 7:00 AM to 5:30 PM If

attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wei

Zhen can be reached at (571) 272-3708. The fax phone number for the organization where this

application or proceeding is assigned: 571-273-8300.

Any inquiry of a general nature or relating to the status of this application should be

directed to the TC 2100 Group receptionist: 571-272-2100.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mary Steelman   **MARY STEELMAN**
                                                       PRIMARY EXAMINER
08/02/2007